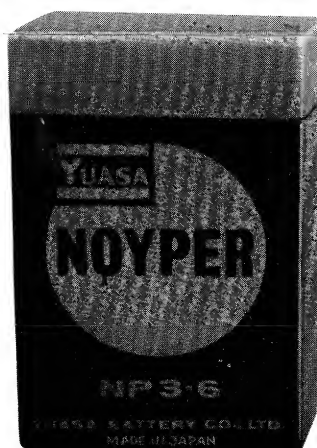


BATTERY
YUASA

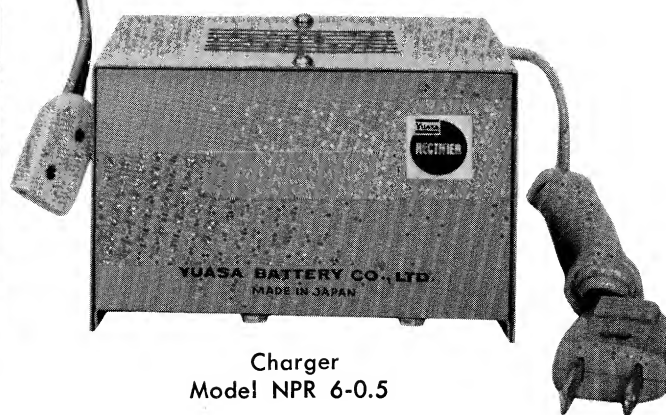
Yuasa Battery

YUASA "NOYPER" MAINTENANCE-FREE RECHARGEABLE LEAD BATTERY AND CHARGER

This YUASA "NOYPER" Maintenance-free Rechargeable Lead Battery is proving as a unique DC power source for use in varieties of electronic and electric home appliances such as portable television, radio, handy lighting apparatuses, etc. The battery has its power producing elements hermetically sealed in a compact robust plastic container, and is free from any maintenance care more or less inherent to the conventional lead-acid battery.



"NOYPER" Battery
Model NP 3-6



Charger
Model NPR 6-0.5

Characteristic features of this battery are :

✓ **No. Need for Refilling :-**

Ample volume of electrolyte is retained in the battery elements. The battery needs no refilling during its entire service life, nor can it be refilled.

✓ **Leak-proof and Explosion-proof :-**

The electrolyte is not visible even inside the battery. There is no fear of its leaking out of the battery. Microporous degassing vents arrest acid vapour and prevent corrosion to the apparatus. The battery is of an explosion-proof construction.

✓ **Regenerative Electrical Capacity :-**

When used by laymen especially for pleasure-making, recreation, electrical household utensils, etc., the battery is sometimes left unattended without being given proper maintenance care after usage. On such occasions, the conventional lead battery is often found dead, after storage, due to irreversible sulphation developing on the negative plates. This YUASA Rechargeable Battery regains its capacity, if charged, even after several months of unused storage.

SPECIFICATION

YUASA "NOYPER" MAINTENANCE-FREE RECHARGEABLE LEAD BATTERY

| Battery Model | Voltage, V. | Capacity, Ampere Hours | | Dimensions, In. (mm) | | | Net Weight with Electrolyte lbs. (grams) |
|---------------|-------------|------------------------|------------|------------------------|------------------------|------------------------|--|
| | | 10-Hr. Rate | 3-Hr. Rate | Length | Width | Height | |
| NP3-6 | 6 | 3.3 | 3.0 | 2 $\frac{25}{32}$ (71) | 1 $\frac{27}{32}$ (47) | 4 $\frac{5}{32}$ (105) | 1.6 (700) |

Power to weight Ratio

At 10-Hour Rate Capacity : 12 Watt-Hours per lb. (28 Watt-Hours per kg.)

At 3-Hour Rate Capacity : 11 Watt-Hours per lb. (25 Watt-Hours per kg.)

Power to Volume Ratio

At 10-Hour Rate Capacity : 1.0 Watt-Hour per cubic inch (6.0 Watt-Hours per 100cc)

At 3-Hour Rate Capacity : 0.9 Watt-Hour per cubic inch (5.2 Watt-Hours per 100cc)

**YUASA CHARGER
FOR
YUASA "NOYPER" MAINTENANCE-FREE RECHARGEABLE LEAD BATTERY**

YUASA "NOYPER" Maintenance-free Rechargeable Lead Battery delivers its built-in performance when it is recharged by a Yuasa Charger specially designed for the purpose. Use of the Yuasa Charger is always recommended.

SPECIFICATION OF YUASA CHARGER

| Charger Model | Charging Time, Hours | Dimensions, In (mm) | | | Weight lbs. (grams) |
|---------------|----------------------|----------------------|---------|----------------------|---------------------|
| | | Length | Width | Height | |
| NPH-0.5 | 10-11 | 3 $\frac{1}{8}$ (80) | 4 (102) | 2 $\frac{5}{8}$ (67) | 1.7 (770) |

When ordering, please specify AC voltage available for lighting at home.

ON ENQUIRY for the battery, please specify :

- 1) Electrical apparatus or equipment for which the use of this battery is being studied.
- 2) Voltage and current required of the battery during operation and number of operating hours generally expected per day; type of terminals desired, etc.
- 3) Frequency of use of the apparatus; throughout the year or in specific season? Is it anticipated to be stored away frequently or for several months? Information on other servicing conditions conducive for designing the battery.
- 4) A rough estimate of the monthly or yearly requirement. Depending on the quantity, Yuasa is willing to manufacture any such batteries in several models with the electrical capacity of between 1 and 10 ampere hours.
- 5) Voltage, frequency and phase of AC source for the charger.

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